Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 10 Aug 2021 until 23:59 on Wednesday 11 Aug 2021

Forecast Issued on Monday 09 Aug 2021 at 15:25

Confidence: Good confidence for a day of sunshine and isolated showers Tuesday, and a drier brighter start Wednesday. Confidence falls regarding the extent and timing of rainfall later Wednesday, along with cloud heights. Moderate confidence for mostly fine conditions to follow, but confidence soon falling to very low for any details beyond Friday.

Headline for Tuesday 10 Aug 2021: Fine, with sunny spells and just the odd shower possible.

Mountain weather hazards on Tuesday 10 Aug 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Dull	Cloudy	Cloudy	Sunny intervals	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability							
10%	10%	<05%	<05%	20%	20%	10%	10%

Forecast for Tuesday 10 Aug 2021

Weather: Rather cloudy overnight with a few clear spells but also the odd shower possible. Sunny spells developing through the day, but also a few further showers. The odd one could be heavy with an outside chance of thunder, but many routes remaining dry. Showers fading during the evening.

Chance of cloud free mountain/hill tops above 600m: 60% at first, improving to 90% by midday

Visibility: Poor views at first from some western tops, with cloud obscuring some hills above 600m. This soon lifting through the morning to give a day of good to very good views, with only brief reductions during any passing showers. Perhaps the odd patch of cloud returning to above 600m during any heaver bursts.

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Mountain Weather Forecast

Forecast for Tuesday 10 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/14 SW	8/12 SW	8/11 SW	9/13 W	14/21 W	14/22 W	13/19 W	8/15 W	7/14 W
300	3/10 S	3/7 S	2/8 SW	7/13 W	11/20 W	12/21 W	10/18 W	6/15 W	4/12 W
Valley	2/9 S	2/6 S	2/5 W	5/10 W	10/19 W	10/18 W	8/16 W	2/9 W	1/5 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/9	11/9	12/10	14/11	13/10	12/10	10/8	10/8
300	12/11	12/12	12/12	15/14	16/14	16/14	14/13	12/11	11/11
Valley	13/13	14/14	14/14	16/16	18/16	17/16	16/15	13/13	12/12
Freezing Level*	2300m	2400m	2400m	2300m	2200m	2200m	2200m	2100m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Once any early morning showers clear, most routes are going to see a dry and generally fine day for activities on the hills. Despite this, the odd shower could catch people out, so waterproof layers will be needed. Sunshine will also be strong when it breaks through the clouds, so appropriate protection recommended.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 09 Aug 2021	4.8mm	58.6mm	68.2mm

Forecast for Wednesday 11 Aug 2021

Weather: Clear skies and light winds could allow the odd patch of mist to develop in prone valleys. This soon lifting to give a fine morning with plenty of hazy sunshine, although cloud will soon thicken from the west. Outbreaks of rain and drizzle, perhaps persistent on some western hills, then developing during the afternoon and into the evening. Some southern and eastern hills remaining dry.

Maximum wind: Southerly 15-20mph gusting 25mph.

Chance of cloud free mountain/hill tops above 600m: Near 100% at first, but falling to 70% by the afternoon, and 40% by the evening

Visibility: Good views at first from most tops, once early valley mist lifts. Visibility falling to moderate as cloud thickens, especially during any afternoon rain or drizzle.

Temperature: **Valleys:** Plus 10 Celsius becoming Plus 20 Celsius
At 600m: Plus 8 Celsius becoming Plus 14 Celsius.
Freezing level: Above the summits.

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